

Title (en)
INFUSION OF DRUGS

Title (de)
INFUSION VON ARZNEIMITTELN

Title (fr)
INFUSION DE MÉDICAMENTS

Publication
EP 2349105 A2 20110803 (EN)

Application
EP 09748984 A 20091009

Priority
• EP 2009007295 W 20091009
• US 13688008 P 20081010

Abstract (en)
[origin: US2011270232A1] An at least partly implantable system for injecting a substance into a patient's body, in particular a penis erection stimulation system, comprises an infusion device (11) adapted for implantation inside the patient's body and at least one reservoir (R1, R2) adapted for implantation inside the patient's body in fluid connection with the infusion device to supply to the infusion device a substance to be injected into the patient's body. The reservoir comprises at least one first compartment accommodating or adapted to accommodate a first substance and at least one second compartment accommodating or adapted to accommodate a second substance, in particular a drug for stimulating penis erection. As a penis erection stimulation system, the infusion device preferably comprises one or more infusion needles disposed within and implanted along with one or more housings adjacent the patient's left and right corpora cavernosa. A pump may be implanted inside the patient's body to supply the infusion needle with infusion liquid. A drive unit also adapted for implantation inside the patient's body may be arranged for advancing and retracting the tip end of the infusion needle such that it penetrates the housing at least in two different penetration areas either simultaneously or in immediate time succession, thereby injecting drugs along with the infusion liquid into the patient's body for stimulating penis erection.

IPC 8 full level
A61F 2/26 (2006.01); **A61F 5/41** (2006.01); **A61M 5/142** (2006.01)

CPC (source: EP US)
A61F 2/26 (2013.01 - EP US); **A61M 5/1407** (2013.01 - EP US); **A61M 5/14212** (2013.01 - EP US); **A61M 5/14276** (2013.01 - EP US); **A61M 5/1428** (2013.01 - EP US); **A61M 5/1723** (2013.01 - EP US); **A61M 5/44** (2013.01 - EP US); **A61M 39/0208** (2013.01 - EP US); **A61M 2005/14284** (2013.01 - EP US); **A61M 2205/3507** (2013.01 - EP US); **A61M 2205/353** (2013.01 - EP US); **A61M 2205/3606** (2013.01 - EP US); **A61M 2205/3613** (2013.01 - EP US); **A61M 2205/364** (2013.01 - EP US); **A61M 2205/366** (2013.01 - EP US); **A61M 2205/3673** (2013.01 - EP US); **A61M 2205/502** (2013.01 - EP US); **A61M 2205/82** (2013.01 - EP US); **A61M 2205/8243** (2013.01 - EP US); **A61M 2209/045** (2013.01 - EP US); **A61M 2210/167** (2013.01 - EP US)

Citation (search report)
See references of WO 2010040561A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
US 2011270232 A1 20111103; US 8900218 B2 20141202; AU 2009301397 A1 20100415; AU 2009301397 B2 20170202; AU 2017202858 A1 20170518; AU 2017202858 B2 20181018; AU 2019200440 A1 20190207; AU 2020202630 A1 20200514; AU 2021225196 A1 20210930; AU 2021225196 B2 20230907; AU 2023278085 A1 20240104; CA 2776430 A1 20100415; CA 2776430 C 20211026; CA 3110876 A1 20100415; EP 2349105 A2 20110803; EP 2349105 B1 20160113

DOCDB simple family (application)
US 200913123654 A 20091009; AU 2009301397 A 20091009; AU 2017202858 A 20170428; AU 2019200440 A 20190118; AU 2020202630 A 20200417; AU 2021225196 A 20210901; AU 2023278085 A 20231207; CA 2776430 A 20091009; CA 3110876 A 20091009; EP 09748984 A 20091009